IN THE CLAIMS

Please amend the claims as follows:

Claims 1-8 (Canceled).

Claim 9 (Currently Amended) A method of producing a processing tool having abrasive grains for carrying out a fixed-abrasive grinding process on a surface of a silicon work-piece, said method comprising the step of:

(a) mixing a binder and silica grains to form a mixture, the binder being made of a ~~material~~ polyimide resin that generates no endothermic reaction during the process carried out on the silicon work-piece by the processing tool; and

(b) forming the mixture into the abrasive grains of the processing tool.

Claim 10 (Original) The method of producing the processing tool as in claim 9, wherein said step (a) uses silica grains having a primary average grain size of 0.8 nm to 10 μm.

Claim 11 (Original) The method of producing the processing tool as claimed in claim 9, wherein said step (a) uses a content of the silica grains in the abrasive grains in a range of 10 to 70 volume percent.

Claims 12-30 (Canceled).